

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

### **Writing Equations**

**Change each word sentence into a mathematical equation.**

**Tell what each variable represents.**

- 1) The total cost of tickets for the 8<sup>th</sup> grade to attend a concert is \$6 per student times the number of students.

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- 2) To calculate the total amount of money in a savings account, multiply 0.05 by the amount of money in the savings account.

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- 3) The total distance of a car trip divided by 50 gives the approximate number of hours the trip will take.

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- 4) To estimate the circumference of a circle, multiply the diameter by 3.

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- 5) The cost of going to the zoo is \$4.50 for each adult and \$2.50 for each child.

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- 6) The total cost of admission to the school play is \$3 for adults, \$2 for students, and \$1 for children under six years of age.

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- 7) Yolanda's boots cost \$5 less than the cost of Sam's boots.

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- 8) Matt's right sock has twice the amount of holes as his left sock.

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- 9) Basha's boots cost \$80 more than Chad's boots.

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- 10) Tim's shoe size is half the size of Chad's shoe size.

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